Compound Interest - Python Exercise

# Question:

Calculate the value of the same investment, but compounded monthly and assign it to investment\_3.

# Question Explanation (20 words):

Determine the future investment value using monthly compounding and store it in investment\_3 variable with given parameters.

# Answer (Code):

# Calculate the value for the investment compounded monthly  
compound\_periods\_3 = 12  
investment\_3 = initial\_investment \* (1 + growth\_rate / compound\_periods\_3)\*\*(compound\_periods\_3 \* growth\_periods)  
print("Investment 3: " + str(round(investment\_3, 2)))

# Answer Explanation (20 words):

Monthly compounding means twelve periods yearly, using the compound interest formula with initial investment, growth rate, and total periods.

